

1. How do solar thermal panels make electricity? Draw a flow map.

Sun \rightarrow Solar thermal panels \rightarrow mirror direct \rightarrow
Pipe of $H_2O \rightarrow H_2O$ heated \rightarrow steam ^{light} \rightarrow steam
turns turbine \rightarrow Powers the generator \rightarrow Electricity

2. Coal is an example of which type of energy?

- ☒ a. Chemical
- b. Radiant
- c. Motion
- d. Thermal

3. Natural gas, coal, biomass and petroleum are all examples of

- ☒ a. Chemical energy
- b. Kinetic energy
- c. Radiant energy
- d. Motion energy

4. Kinetic energy is:

- ☒ a. The motion of waves, electrons, atoms, molecules and substances
- b. Stored energy and the energy of position
- c. Electromagnetic energy that travels in transverse waves
- d. The movement of energy through substances in longitudinal waves.